

ABSTRACT

A system, method, and computer program product which allows passwords, passcodes, PINs, and other secure information to be entered into a graphical user interface without interception. The user enters the secure code by moving a cursor and selecting characters or symbols on a GUI screen, through the use of a mouse, touchscreen, lightpen, or other conventional device. Between each selection, the GUI characters and symbols are re-arranged on the GUI screen, so that even if the user's cursor manipulation is captured, the secure code cannot be reconstructed or reproduced. The preferred embodiment is particularly drawn to a secure system, method, and computer program product for entering a PIN number in an automated teller machine (ATM) application running on a data processing system.

15

109374274-060601